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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re patent application of:

Kreutzer, *et al.*

Appl. No.: 09/810,521

Filed: March 19, 2001

For: **L-Lysine-Producing Corynebacteria
And Process for the Preparation
of Lysine**

Art Unit: to be assigned

Examiner: to be assigned

Atty. Dkt. 21123/278416

6/a
H.Q.
10/31/01

Amendment to Comply With Sequence Listing Rules

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notice of Incomplete Response dated July 20, 2001, Applicants are submitting the following amendments and remarks to comply with the Sequence Listing rules.

Amendments

Please delete the Sequence Listing originally filed with the application and appearing as pages 40-44 of the specification. Please enter the substitute Sequence Listing enclosed herewith on separate pages following the claims and abstract of the application.

On page 16 of the specification, please delete the paragraph that starts on line 3, and replace it with the following new paragraph:

LysBam1:

5' CTC GAG AGC (GGA TCC) GCG CTG ACT CAC C 3' (SEQ ID
NO: 7)

LysBam2:

5' GGA GAG TAC GGC (GGA TCC) ACC GTG ACC 3' (SEQ ID NO: 8)

al

On page 17 of the specification, please delete the paragraph that starts on line 18, and replace it with the following new paragraph:

a²

5' GAA CGC CAA CCT TGA TTC C 3' (SEQ ID NO: 9)

On page 17 of the specification, please delete the paragraph that starts on line 31, and replace it with the following new paragraph:

a³

5' CTT TGC CGC CGT TGG GTT C 3' (SEQ ID NO: 10)

On page 18 of the specification, please delete the paragraph that starts on line 10, and replace it with the following new paragraph:

a³

P-dap:

5' (AAG CTT) AGG TTG TAG GCG TTG AGC 3' (SEQ ID NO: 11)

dapall:

5' TTA ACT TGT TCG GCC ACA GC 3' (SEQ ID NO: 12)

On page 19 of the specification, please delete the paragraph that starts on line 14, and replace it with the following new paragraph:

a⁴

5-PYC-IN:

5' GC(T CTA GA)A GTG TCG CAA CCG TGC TTG A 3' (SEQ ID NO: 13)

3-PYC-IN:

5' GC(T CTA GA)T TGA GCC TTG GTC TCC ATC T 3' (SEQ ID NO: 14)

On page 30 of the specification, please delete the paragraph that starts on line 22, and replace it with the following new paragraph:

a⁵

Primer dap1 for MC20

CCA AAT GAG AGA TGG TAA CCT TGA ACT CTA TGA GCA (SEQ ID NO: 15)

Primer dap2 for MC20

GTG CTC ATA GAG TTC AAG GTT ACC ATC TTC CCT CAT TTG G (SEQ ID NO: 16)

On page 30 of the specification, please delete the paragraph that starts on line 26, and

replace it with the following new paragraph:

Primer dap3 for MA16

CCA AAT GAG GGA AGA AGG TAT AAT TGA ACT CTA TGA GCA
(SEQ ID NO: 17)

Primer dap4 for MA16

GTG CTC ATA GAG TTC AAT TAT ACC TTC TTC CCT CAT TTG G
(SEQ ID NO: 18)

ak